



Year 2000
and
AUXMIS



Auxiliary
Information
Management
System

What is the problem?

The year 2000 or YK2 has been described as the biggest business challenge the world has ever seen. Because historically, computer memory and storage space were limited and expensive, often only the last two digits of the year (98) were used in computer programs, and the century (19) was implied. With the turn of the century, computers may fail to recognize 00 as 2000

and may instead believe it to be 1900, producing inaccurate results, malfunctions and system failures, YK2 may affect everything from ATMs to welfare systems, and could impact anything that contains a computer chip. Small and large business, governments, and industries world-wide will be affected; the greater the reliance on technology, the greater the vulnerability to the problem.

What does it mean to be YK2 ready or YK2 compliant?

Information systems and technology-based equipment are YK2 ready when they continue to produce understandable, accurate and predictable results that conform with the original functional specification,

regardless of the millenium change.

AUXMIS has completed the required testing and verification process to become the first Coast Guard wide, fully Y2K compliant computer system.



Where can you get more information?

Talk to your business technology partners, systems vendors, technology service providers, outside accountants or auditors. Review your business journals and publication for informa-

tion specific to your business. Or you can use the World Wide Web as a starting point for researching YK2. The following are a few sites you may find interesting:

- **www.itpolicy.gsa.gov/mks/yr2000/y2khome.htm**: U.S. Federal Government Gateway for Year 2000 Information Directories sponsored by the General Services Administration offers a vast resource for Y2K issues.
- **www.uscg.mil/hq/g-m/y2k.htm**: The United States Coast Guard 2YK site. Our site contains links for frequently asked questions (FAQs) and allows for sharing of solutions to Y2K problems.
- **www-personal.umich.edu/~tmorris.boatcomm.htm**: Best Commercial Boating Web Sites.
- **www.year2000.com**: A good start for news, vendor information and links to other YK2 sites.
- **www.software.ibm.com/year2000/**: IBM provides guidance on Year 2000 questions.



- **www.digital.com/year2000/**: Digital Equipment Corporation addresses product readiness, services, and internal systems, and other Year 2000-related issues.
- **www.nasire.org/ss/ST2000.html**: Provides web page link for states' Year 2000 information.
- **www.epriweb.com/year2000/**: EPRI is a well-established research consortia. This site provides information on YK2 issues for embedded systems.





Project: AUXMIS 2000

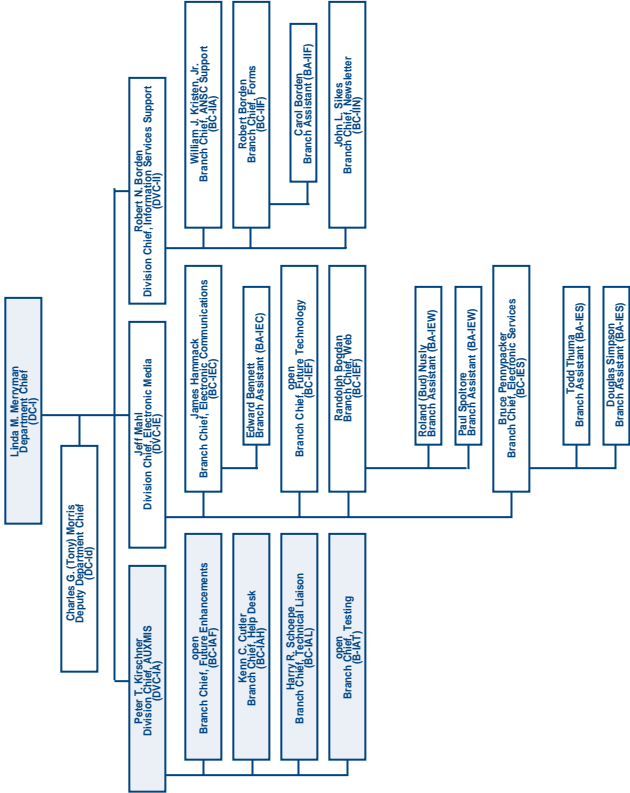
**AUXMIS past, present and future
Fall 1998 Update**

Project AUXMIS 2000

- Organizational overview (CG and Auxiliary)
- History of AUXMIS
- AUXMIS today
- Plans for the next generation
- Discussion

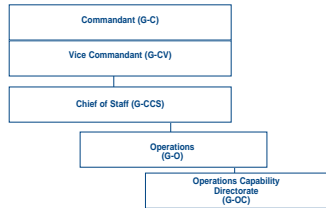


Auxiliary Information System Organization



Coast Guard Operations Capability Directorate Information Systems Organization

U.S. Department of Transportation
UNITED STATES COAST GUARD
Headquarters



History of AUXMIS I

- Implemented early 1970s
- Batch process
- Data key-entered
- Limited information captured and reported
- Not user friendly
- Planned shutdown of host mainframe



AUXMIS II Plan

- Contractor (Battelle) began work 9/94
- Implement 5/95
- Complete re-write
- Target SWSII and PC (Progress/DOS)
- Interactive
- More data captured and accessible
- User friendly

AUXMIS II Actual

- Contractor removed 12/95
- Auxiliary IS team added 12/95 through 6/96
- work transferred to OSC oversight 7/96
- Implementation phase 1/97 through 3/97
- AUXMIS II transferred to OCC 5/97
- More data captured, but not accessible
- Not user friendly



AUXMIS II *Today*

- Maintenance work continues
- Many improvements, optimizations made
- Much remains on the pending list (Year 2000 renovation work has put a stop to all but “Emergency Changes”)
- Heavily dependent on users
 - SO-IS officers
 - DIRAUX staff
 - Headquarters “Help Desk”

AUXMIS II *Today*

- CG and Auxiliary continue to collaborate to make it work
- AUXMIS II Year 2000 renovation completed late August 1998.
- Documentation completed end CY98.
- AUXMIS II is performing as it was originally designed.



AUXMIS II *Today*

- Currently supporting over 600 users operating on a broad range of platforms including,
 - CGSWII & CGSWIII via CGDN & CGDN+ respectively.
 - Home computers access the central system using a dialup connection.
- User's Guide under development available November 98.

AUXMIS 2000

- AUXMIS 2000 will be a web based central architecture. It will be designed using existing or CG information systems currently in development, effectively building a true Team Coast Guard System.
- Users will access the system using a web browser via the CG Data Network - or remote access into the CG Intranet.

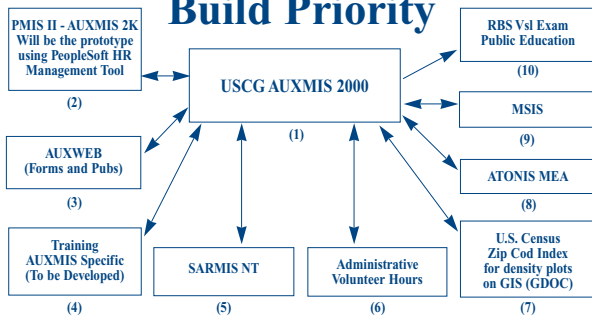


AUXMIS 2000

■ What is the plan?

- OSC is preparing their cost proposal to begin collecting the System Requirements. Expect to begin work in Fall 1998.
- After the Requirements and System Architecture are agreed upon, we will begin a modular, rapid application development effort.
- Upon completion of the System Requirements we will determine the development cost and timeline.

Possible AUXMIS 2000 Architecture with Module Build Priority



Reports Currently Available

- Unit Summary of Data
- Qualifications Summary
- Mission Summary
- Volunteer Service Anniversary Year Data
- State Mission Activities
- Individual Member Profile

AUXMIS 2000 Resource Limitations

- Resources for AUXMIS 2000 are limited due to OSC requiring their expertise to work on other CG Legacy Information Systems. The Year 2000 renovation of systems is on G-O priority par with Deepwater.



NOTES



